

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-015-30941

Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No. E-742

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion

NEW ☐ WORK ☐ DEEPEN ☒ PLUG ☐ DIFF
WELL OVER BACK RESVR ☐ OTHER

2 Name of Operator

COG Operating LLC

JUN 04 2008

3. Address of Operator

550 W. Texas Ave., Suite 1300 Midland, TX 79701

OCD-ARTESIA

7 Lease Name or Unit Agreement Name

Mesquite State

8 Well No.

9

9. Pool name or Wildcat

Empire; Glorieta-Yeso, East 96610

4 Well Location

Unit Letter D 890 Feet From The North Line and 480 Feet From The West Line

Section 20 Township 17S Range 29E NMPM Eddy County

10. Date Spudded

07/22/2000

11. Date T.D. Reached

04/22/2008

12. Date Compl. (Ready to Prod.)

05/13/2008

13 Elevations (DF& RKB, RT, GR, etc.)

3652' GR

14 Elev Casinghead

15. Total Depth

5362'

Plug Back TD

5308'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

Yes

19. Producing Interval(s), of this completion - Top, Bottom, Name

4440'-5200', Yeso

20 Was Directional Survey Made

No

21 Type Electric and Other Logs Run

GR/CBL.CCL

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB /FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48#	362'	17 1/2	350 sxs	
8 5/8	24#	815'	12 1/4	425 sxs	
5 1/2	17#	4267'	7 7/8	945 sxs	
4	11.3#	5362'	4 3/4	100 sxs	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4158'	

25. TUBING RECORD

26 Perforation record (interval, size, and number)

CHANGE THESE TO CONT 12 PERFS

3865'-4225' - Cement Squeezed Off

4440'-4640', 2 SPF, 32 holes

4720'-4920', 2 SPF, 32 holes

5000'-5200', 2 SPF, 48 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

See Attached

28. PRODUCTION

Date First Production

05/14/2008

Production Method (Flowing, gas lift, pumping - Size and type pump)

2-1/2x1-1/2x16' Pump

Well Status (Prod or Shut-in)

Prod.

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
05/16/2008	24			45	16	106	356

Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr)
						38.6

29 Disposition of Gas (Sold, used for fuel, vented, etc.)

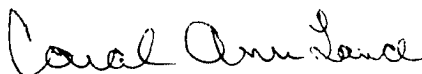
Sold

Test Witnessed By

30 List Attachments

C-103, C-104, C-105 Attachment, Log

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature 
E-mail Address clance@conchoresources.com

Printed Name Carol Ann Lance

Title Regulatory Analyst

Date 05/29/2008

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>831</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>1096</u>	T. Devonian	T. Menefee	T. Madison
T. Queen <u>1672</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>2357</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>3790</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. <u>Yeso</u> <u>3850</u>	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 3, from.....to.....	SANDS OR ZONES
No. 2, from.....to.....	No. 4, from.....to.....	

IMPORTANT WATER SANDS

clude data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
 No. 2, from to feet
 No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Mesquite State #9
API#: 30-015-30941
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4440'-4640'	Acidize w/2500 gal 15% HCL . Frac w/58,060
	Gal 22# Lightning; 56,223# 16/30 Ottawa;
	24,763# SiberProp. Flush w/2184 gal linear Gel.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4720'-4920'	Acidize w/2500 gal 15% HCL. Frac w/62,150
	Gal 22# Lightning; 68,381# 16/30 Ottawa;
	23,536# 16/30 SiberProp; Flush w/1000 gal 15% HCL + 1310 gal linear gel.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5000'-5200'	Acidize w/2500 gal 15% HCL. Frac w/61,845
	Gal 22# Lightning; 68,700# 16/30 Ottawa;
	21,679# 16/30 SiberProp. Flush w/1000 gal 15% HCL + 1444 gal linear gel.